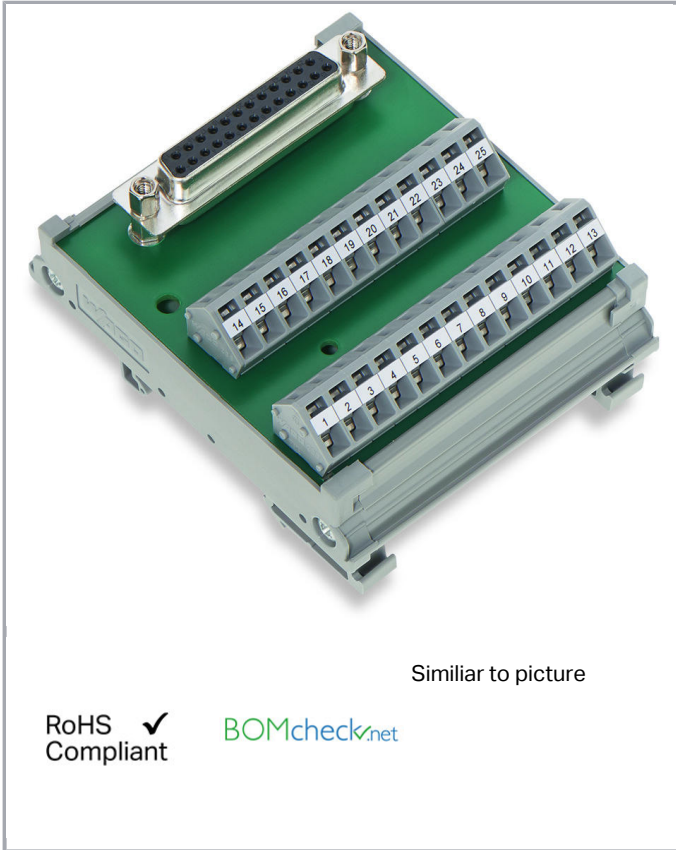


**Data sheet | Item number: 289-555**

Interface module; with solder pin; Female connector; 9-pole; Mating connector with solder connection; Vertical mounting; PCB terminal blocks, double-row; in mounting carrier; 2,50 mm<sup>2</sup>



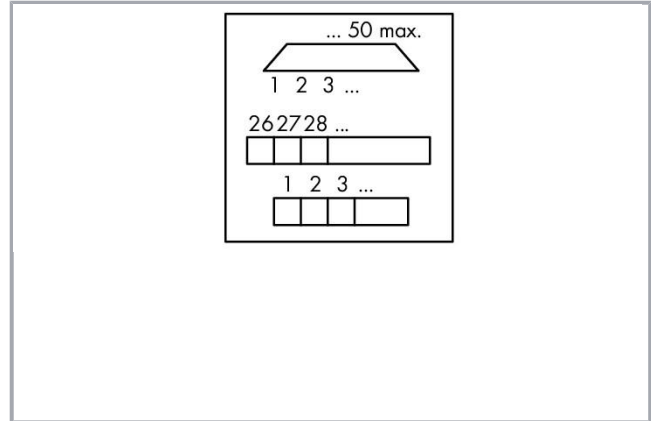
[www.wago.com/289-555](http://www.wago.com/289-555)



Similar to picture

RoHS   
Compliant

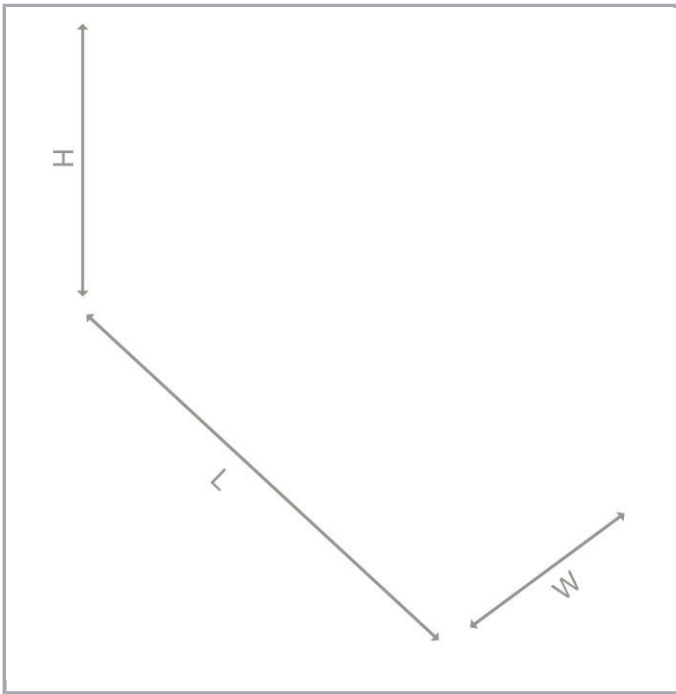
[BOMcheck.net](https://www.bomcheck.net)



Subject to changes. Please also observe the further product documentation!

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**Data**

**Electrical Data**

Operating voltage	≤ AC/DC 125 V
Nominal current	2 A
Contact resistance (max.)	30 mΩ

**Safety and protection:**

Rated voltage	125 V
Rated surge voltage	0.8 kV
Pollution degree	2
Protection type	IP20

**Connection data**

Connection type (1)	System
Pole No.	9
Pluggable connectors	D-sub female connector
For mating connector	with solder contact
Mating direction	Vertical
Connection type 2	Field
Pole number 2	9

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Design 2	PCB terminal blocks (double-row)
Connection technology 2	CAGE CLAMP®
WAGO Connector 2	WAGO 236 Series
Solid conductor 2	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor 2	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	2 / 200 mating cycles
Strain relief	UNC 4-40 stud bolt

### Geometrical Data

Width	38 mm / 1.496 inch
Height from upper-edge of DIN-rail	34 mm / 1.339 inch
Depth	85 mm / 3.346 inch

### Mechanical data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

### Material Data

Contact material (connector)	Au over Ni
Fire load	0.6 MJ
Weight	46.8 g

### Environmental Requirements

Surrounding air temperature (operation)	-20 ... 50 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Relative humidity	≤ 85% (non-condensing)
Operating altitude (max.)	2000 m

### Standards and specifications

Standards/specifications	EN 61010-2-201; UL 840
--------------------------	------------------------

### Commercial data

Product Group	6 (Interface Electronics)
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Packaging type	BOX
Country of origin	DE
GTIN	4045454371180
Customs tariff number	85369010000

## Approvals / Certificates


### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 508	E175199 Vol.2 Sec. 1





## Counterpart

## Compatible products

### tools

	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>
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### Marking accessories

	Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent	<a href="http://www.wago.com/709-177">www.wago.com/709-177</a>
	Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/709-178">www.wago.com/709-178</a>
	Item no.: 709-196 Marking strips; for laser printer; translucent	<a href="http://www.wago.com/709-196">www.wago.com/709-196</a>
	Item no.: 709-198 Marking strips; white	<a href="http://www.wago.com/709-198">www.wago.com/709-198</a>

## Downloads

### Documentation

#### Bid Text

289-555	Feb 6, 2015	doc 27.6 kB	Download
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doc - Datei

### Instruction Leaflet

pdf  
1.3 MB

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### Additional Information

Disposal; Electrical and electronic equipment, Packaging V 1.0.0 pdf  
265.8 kB

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### CAD/CAE-Data

#### CAD data

2D/3D Models 289-555 URL

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#### CAE data

EPLAN Data Portal 289-555 URL

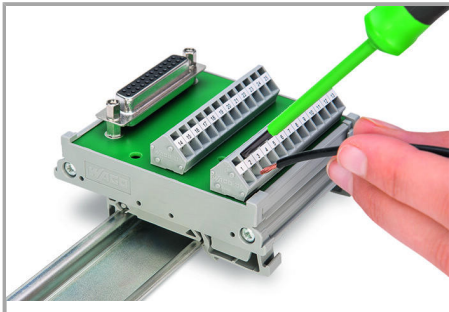
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WSCAD Universe 289-555 URL

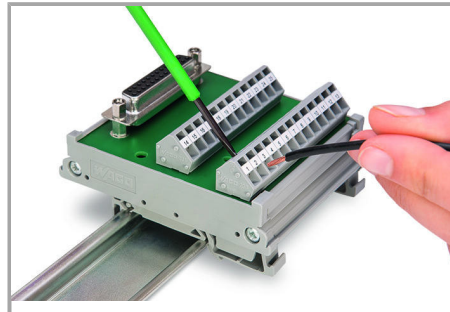
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### Handling Instructions

#### Conductor termination



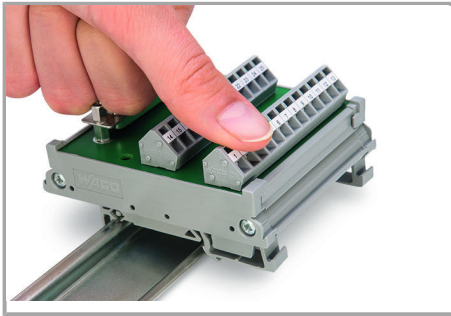
Connection of conductor – Operating tool actuation parallel to conductor entry.



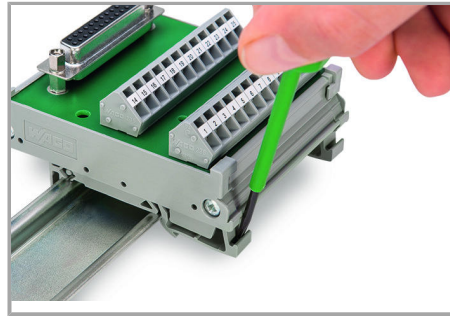
Connection of conductor – Operating tool actuation perpendicular to conductor entry.

#### Installation

Subject to changes. Please also observe the further product documentation!



Assembly of a module on the carrier rail



Removing a module from the DIN-rail.

Subject to changes. Please also observe the further product documentation!